

What is claimed is:

1. A green oxide phosphor for emitting a visible ray, has a general composition formula of $Mg_{1-(x+y)}Al_2O_4:Eu_x^{2+}, M_y^{2+}$.
2. The green oxide phosphor according to claim 1, wherein Eu^{+2} is doped into a crystal of $Mg_{1-(x+y)}Al_2O_4$ as an activator; and Mn^{+2} is added as a co-dopant.
3. The green oxide phosphor according to claim 2, wherein M is at least one selected from the group consisting of alkaline earth metals and transition metals such as Ca, Ba, Sr, Cu and Zn each having a valence of +2.
4. The green oxide phosphor according to claim 2, wherein X and Y are numbers ranged from 0 to 0.9999 respectively.
5. The green oxide phosphor according to claim 4, wherein a sum of X and Y is in the range from 0 to 0.9999.